



Material safety data sheet (MSDS)

Name of the hazardous chemical or mixture: MB Premade Pens

Rev. 6

Fecha: MAYO 2023

SECTION I. IDENTIFICATION OF THE HAZARDOUS CHEMICAL SUBSTANCE OR MIXTURE AND THE SUPPLIER OR MANUFACTURER.

Name of the hazardous chemical or mixture: MB Premade Pens.

Other means of identification: Hybrid sealant.

Recommended Use of the product: This product has been formulated for expansion joints and control systems constructive.

Use Restrictions: Not recommended for structural glazing or floors with heavy traffic.

Name of the manufacturer or distributor: Productos Pennsylvania S.A. de C.V.

Address: Camino a San José No. 1, Fracc. San Pablo Tecnológico, Querétaro, Qro. C.P. 76150

Emergency telephone: (442) 217 3232, (442) 217 3839, Setiq (800) 00 24 00, www.pennsylvania.com.mx

SECTION II. HAZARDS IDENTIFICATION.

This product is classified in accordance with NOM-018-STPS-2015 Globally Harmonized System of Classification and Labeling of Chemical Products (GHS).

Signage elements, including precautionary statements and precautionary pictograms:

Physical hazards:

H226 Flammable liquids and vapours.

Health hazards:

H316 Causes mild skin irritation.

H317 May cause mild allergic irritation.

H320 Causes eye irritation.

Signal word: ATTENTION.

Pictograms:



Hazard statements:

H303 May be harmful if swallowed.

H316 Causes mild skin irritation.

H320 Causes eye irritation.

H332 Harmful if inhaled.

Precautionary statements:

P333+P313 In case of skin irritation or rash, consult a doctor.

P210 Keep away from heat, sparks, open flames, hot surfaces and other ignition sources.



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P305+P351+P338 **In case of contact with eyes:** Rinse carefully with water for several minutes. Remove contact lenses when present and can be done easily. Continue with washing.

Other hazards: NA.

SECTION III. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical identity of the substance: Reaction product of decanoic acid, 12-hydroxyester acid and ethanediamine.

MIX	CAS No.	UN No.	%
Reaction product of decanoic acid, 12-hydroxyester acid and ethanediamine.	AND (mixture)	ND	2.5 – 10
Naphtha, heavy malkylate (petroleum).	64741-65-7	ND	2.5 - 10
Distillates (petroleum) half hydrotated.	64742-46-7	ND	2.5 - 10
Trimethoxyvinylsilano.	2768-027	ND	1 - 2.5
Bis (1,2,2,6- penthametyl-4piperidyl) sebacate.	41556-26-7	ND	0.1 -1
Dilauratode dibutylestaño.	77-58-7	ND	0.1 -1
Rest of the formula is considered confidential.	ND.	ND	Variable.

SECTION IV. FIRST AID MEASURES.

First aid description:

Inhalation: Move person to fresh air.

Skin Contac: Remove product from skin and clothing with a waterless cleaning agent. Then clean with plenty of soap and water.

Ingestion: If swallowed, do not induce vomiting. Give plenty of water to drink in small sips. See a doctor immediately.

Eye contact: Wash with plenty of water for 15 minutes. If discomfort persists, consult your doctor.

Antidote (if available) or information for the emergency physician: ND.

Other existing health risks: ND.

SECTION V. FIRE-FIGHTING MEASURES.

Suitable extinguishing media: Water, foam, carbon dioxide (CO2), ABC dry powder.

Personal protective equipment for firefighting: Put on respiratory protection.

Procedure and special precautions during firefighting: Direct the extinguishing agent at the base of the fire at an initial distance of 3 meters, following internal procedures or those indicated on the extinguisher label.

Combustion products that are harmful to health: carbon monoxide, carbon dioxide, nitrogen oxides (Nox) and silicon dioxide (SiO2). During cross-linking/polymerization: Methanol.



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SECTION VI. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL SPILL OR ACCIDENTAL RELEASE.

Special procedures and precautions required in case of leaks or spills: Inform the respective authorities in case of infiltration into the watercourse or sewage system.

Cleanup methods: Do not allow to enter sewers/surface or groundwater. Do not remove with water. Ignition temperature: >66°C. Auto-ignition temperature: >420°C. Rev. 2 Date: May 2023 Clean with mechanical means and dispose of appropriately. Eliminate any residual sediment that is released with a cleaning/soap product or other biodegradable cleaning product.

Environmental precautions: NA.

Mitigation methods to control the substance: According to Federal, State and/or Local provisions or laws.

SECTION VII. HANDLING AND STORAGE.

Precautions to be taken for safe handling: Premises and workplaces must have good ventilation. Keep away from incompatible substances.

Conditions for safe storage, including any incompatibility: Keep container tightly closed in a cool place. Do not store outdoors.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT.

Control parameters: None.

Appropriate technical controls: None.

Personal protective equipment: Suggested.



SECTION IX. PHYSICO-CHEMICAL PROPERTIES.

Physical state: Soft paste.

Color: Concrete gray.

Smell: Characteristic.

Boiling temperature: ND.

Melting temperature: ND.

Ignition temperature: >66°C

Auto-ignition temperature: > 420°C.



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Density: 1.35 g/cm³.

Molecular weight: ND.

pH: ND.

Evaporation rate: ND.

Solubility in water: Difficult to mix.

Vapor pressure: ND.

% volatility: 3.3

Flammable limits:

Sup: ND.

Inf: ND.

VOC (g/L): 44.6

SECTION X. STABILITY AND REACTIVITY DATA.

Chemical stability: Stable.

Incompatible materials: None.

Spontaneous polymerization: None.

Conditions to avoid: None.

Hazardous decomposition products: No hazardous decomposition products.

SECTION XI. TOXICOLOGICAL INFORMATION.

Information on probable routes of entry: ND.

Symptoms related to physical, chemical and toxicological characteristics: ND.

Immediate and delayed effects, as well as chronic effects produced by short- or long-term exposure: Probable mild skin irritation.

Acute toxicity: ND.

Interactive Effects: ND.

Other information: None.

SECTION XII. ECOTOXICOLOGICAL INFORMATION.

Toxicity: Evaluation according to the physicochemical properties of the product. No harmful effects on aqueous organisms are to be expected. According to the experience to date, no negative effects are to be expected for the treatment plants.

Persistence and degradability: Silicone part: Not biodegradable: The hydrolysis product (acetic acid) is easy to decompose.

Bioaccumulative potential: Bioaccumulation unlikely.

Mobility on soil: Insoluble in water.

Other side effects: ND.



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SECTION XIII. INFORMATION ON THE DISPOSAL OF THE PRODUCTS.

This product, once cured, does not represent a risk and can be disposed of as urban solids.
It is recommended to check if any special handling is indicated in local legislation.

SECTION XIV. TRANSPORT INFORMATION.

It is not a dangerous material. Matters relating to transportation by general land communication routes and their related auxiliary services, in relation to the Regulation for the Land Transportation of Hazardous Materials and Waste, of the Ministry of Communications and Transportation.

1. UN Number:	ND.
2. UN proper shipping name:	ND.
3. Transport hazard class:	ND.
4. Packing/Packaging group:	ND.
5. Environmental risks:	ND.
6. Special precautions for the user:	ND.
7. Measures for bulk transport:	ND.

SECTION XV. REGULATORY INFORMATION.

None additional.

SECTION XVI. OTHER RELEVANT INFORMATION.

The information is believed to be correct, but is not exhaustive and will be used solely as a guide, which is based on current knowledge of the product and is applicable to appropriate safety precautions for the product.

These data are provided in good faith, as typical values and not as product specifications. The recommended handling procedures are intended to be of general application. However, the user must consider these recommendations in the specific context of the use they wish to give to the product.